DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below at 201 et seq. underneath my name.

I believe I am the original, first and sole inventor if only one name is listed at 201 below, or an original, first and joint inventor if plural names are listed at 201 et seq. below, of the subject matter which is claimed and for which a patent is sought on the invention entitled

NOVEL ENZYMES WHICH DEHYDRATE GLYCEROL

and for which a patent application:

□ is attached hereto and includes amendment(s) filed on (if applicable)

was filed in the United States on September 24, 1999 as Application No. 09/405,692 (for declaration not accompanying application)

with amendment(s) filed on (if applicable)

us filed as PCT international Application No. on and was amended under PCT Article 19 on (fapplicable)

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment referred to above.

Tacknowledge the duty to disclose information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

thereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application which priority is claimed:

EARLIEST FOREIGN APPLIC	ATION(S), IF ANY, FILED PR	OR TO THE FILING DATE O	F THE APPLICATION
APPLICATION NUMBER	COUNTRY	DATE OF FILING (day, month, year)	PRIORITY CLAIMED
			YES D NO D
			YES D NO D

thereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

APPLICATION NUMBER	FILING DATE

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter feach of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NO.	FILING DATE	STATUS		
		PATENTED	PENDING	ABANDONED
ļ				

POWER OF ATTORNEY: As a named inventor, I hereby appoint S. Leslie Misrock (Reg. No. 18872), Harry C. Jones, III (Reg. No. 20280), Berj A. Terzian (Reg. No. 20060), Gerald J. Flintoft (Reg. No. 20823), David Weild, III (Reg. No. 21094), Jonathan A. Marshall (Reg. No. 24614), Barry D. Rein (Reg. No. 22411), Stanton T. Lawrence, III (Reg. No. 25736), Charles E. McKenney (Reg. No. 22795), Philip T. Shannon (Reg. No. 24278), Francis E. Morris (Reg. No. 24616), Charles E. Miller (Reg. No. 24576), Gidon D. Stern (Reg. No. 27694), John J. Lauter, Jr. (Reg. No. 27814), Brian M. Poissant (Reg. No. 28462), Brian D. Coggio (Reg. No. 27624), Rory J. Radding (Reg. No. 28749), Stephen J. Harbulak (Reg. No. 29166), Donald J. Goodell (Reg. No. 19766), James N. Palik (Reg. No. 25510), Thomas E. Friebel (Reg. No. 29258), Laura A. Coruzzi (Reg. No. 30742), Jennifer Gordon (Reg. No. 30753), Jon R. Stark (Reg. No. 30111), Allan A. Fanucci (Reg. No. 30256), Geraldine F. Baldwin (Reg. No. 31232), Victor N. Balancia (Reg. No. 31231), Samuel B. Abrams (Reg. No. 30605), Steven I. Wallach (Reg. No. 35402), Marcia H. Sundeen (Reg. No. 30893), Paul J. Zegger (Reg. No. 33821), Edmond R. Bannon (Reg. No. 32110), Bruce J. Barker (Reg. No. 33291), Adriane M. Antler (Reg. No. 32605), Thomas G. Rowan (Reg. No. 34419), James G. Markey (Reg. No. 31636), Thomas D. Kohler (Reg. No. 32797), Scott D. Stimpson (Reg. No. 33607), Gary S. Williams (Reg. No. 36828), Kelly D. Talcott (Reg. No. 33885), Ann L. Gisolfi (Reg. No. 31956), Todd A. Wagner (Reg. No. 35399), Scott B. Familant (Reg. No. 35504), Warren S. Heit (Reg. No. 36828), Kelly D. Talcott (Reg. No. 37982), and Mark A. Farley (Reg. No. 3310) and, all of Pennie & Edmonds LLP, whose addresses are 1155 Avenue of the Americas, New York, New York 10036, 1667 K Street N.W., Washington, DC 20006 and 3300 Hillview Avenue, Palo Alto, CA 94304, and each of them, my attorneys, to prosecute this application, and to transact all business in the Patent and Trademark Office connected therewith.

SENI	O CORRESPONDENCE	PENNIE & EDMONDS up 1155 Avenue of the America New York, N.Y. 10036-271	as PENNIE	TELEPHONE CALLS T & EDMONDS _{LLP} DOCE 0-2803	
	FULL NAME OF INVENTOR	LAST NAME Scyfried	FIRST NAME Markus	MIDDLE NAME	
2 0 1	RESIDENCE & CITIZENSHIP	crry Silver Springs	STATE OR FOREIGN COUNTRY Maryland	COUNTRY OF CITIZENSHIP Germany	
	POST OFFICE ADDRESS	STREET 8403 16th Street	crry Silver Springs	STATE OR COUNTRY MD	ZIP CODE 20910
	FULL NAME OF INVENTOR	LAST NAME Wiegel	FIRST NAME Juergen	MIDDLE NAME	
0 2	RESIDENCE & CITIZENSHIP	CITY Athens	STATE OR FOREIGN COUNTRY Georgia	COUNTRY OF CITIZENSHIP Germany	
	POST OFFICE ADDRESS	STREET 215 Biol. Sciences	CITY Athens	STATE OR COUNTRY GA	ZIP CODE 30602-2605
1.	FULL NAME OF INVENTOR	LAST NAME Whited	FIRST NAME Gregory	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY Belmont	STATE OR FOREIGN COUNTRY California	COUNTRY OF CITIZENSHIP U.S.A.	
L L	POST OFFICE ADDRESS	STREET 304 South Rd	CITY Belmont	STATE OR COUNTRY CA	ZIP CODE 94002
LL	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
2 0	RESIDENCE & CITIZENSHIP	СПУ	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	,
	POST OFFICE ADDRESS	STREET	СІТУ	STATE OR COUNTRY	ZIP CODE
	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
0 5	RESIDENCE & CITIZENSHIP	СПУ	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	STREET	спу	STATE OR COUNTRY	ZIP CODE
	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
2 0 6	RESIDENCE & CITIZENSHIP	спу	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	STREET	спу	STATE OR COUNTRY	ZIP CODE

SIGNATURE OF INVENTOR 201 Markus Seyfried	SIGNATURE OF INVENTOR 202 Juergen Wiegel	SIGNATURE OF INVENTOR 203 Gregory Whited
		4
DATE	DATE	DATE
SIGNATURE OF INVENTOR 204	SIGNATURE OF INVENTOR 205	SIGNATURE OF INVENTOR 206
DATE	DATE	Det 18/21/01

(2) CA1 - 282494.1

DECLARATION AND POWER OF ATTORNEY

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APPLICATION NUMBER	COUNTRY	DATE OF FILING (day, month, year)	PRIORITY .CLAIMED
			YES D NO D
			YES - NO -

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

APPLICATION NUMBER	FILING DATE	

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

	STATUS			
APPLICATION SERIAL NO.	FILING DATE	PATENTED	PENDING	ABANDONED
				_

POWER OF ATTORNEY: As a named inventor, I hereby appoint S. Leslie Misrock (Reg. No. 18872), Harry C. Jones, III (Reg. No. 20280), Berj A. Terzian (Reg. No. 20060), Gerald J. Flintoft (Reg. No. 20823), David Weild, III (Reg. No. 21094), Jonathan A. Marshall (Reg. No. 24614), Barry D. Rein (Reg. No. 22411), Stanton T. Lawrence, III (Reg. No. 25736), Charles E. McKenney (Reg. No. 22795), Philip T. Shannon (Reg. No. 24278), Francis E. Morris (Reg. No. 24615), Charles E. Miller (Reg. No. 24576), Gidon D. Stem (Reg. No. 27469), John J. Lauter, Jr. (Reg. No. 27814), Brian M. Poissant (Reg. No. 28462), Brian D. Coggio (Reg. No. 27624), Rory J. Radding (Reg. No. 28749), Stephen J. Harbulak (Reg. No. 29166), Donald J. Goodell (Reg. No. 19766), James N. Palik (Reg. No. 25510), Thomas E. Friebel (Reg. No. 29258), Laura A. Coruzzi (Reg. No. 30742), Jennifer Gordon (Reg. No. 30753), Jon R. Stark (Reg. No. 30111), Allan A. Fanucci (Reg. No. 30256), Geraldine F. Baldwin (Reg. No. 31232), Victor N. Balancia (Reg. No. 31231), Samuel B. Abrams (Reg. No. 30605), Steven I. Wallach (Reg. No. 35402), Marcia H. Sundeen (Reg. No. 30893), Paul J. Zegger (Reg. No. 33821), Edmond R. Bannon (Reg. No. 32110), Bruce J. Barker (Reg. No. 33291), Adriane M. Antler (Reg. No. 32605), Thomas G. Rowan (Reg. No. 34419), James G. Markey (Reg. No. 31636), Thomas D. Kohler (Reg. No. 32797), Scott D. Stimpson (Reg. No. 33607), Gary S. Williams (Reg. No. 31666), William S. Galliani (Reg. No. 33885), Ann L. Gisolfi (Reg. No. 31956), Todd A. Wagner (Reg. No. 35399), Scott B. Familant (Reg. No. 35504), Warren S. Heit (Reg. No. 36828), Kelly D. Talcott (Reg. No. 39582), and Mark A. Farley (Reg. No. 33170) and, all of Pennie & Edmonds LLP, whose addresses are 1155 Avenue of the Americas, New York, New York 10036, 1667 K Street N.W., Washington, DC 20006 and 3300 Hillview Avenue, Palo Alto, CA 94304, and each of them, my attorneys, to prosecute this application, and to transact all business in the Patent and Trademark Office connected therewith.

(1)

SEN	D CORRESPONDENC	PENNIE & EDMONDS LLP 1155 Avenue of the Americ New York, N.Y. 10036-271	as PENNIE	TELEPHONE CALLS & EDMONDS LLP DOC 0-2803	
	FULL NAME OF INVENTOR	LAST NAME Seyfried	FIRST NAME Markus	MIDDLE NAME	
2 0 1	RESIDENCE & CITIZENSHIP	Silver Springs	STATE OR FOREIGN COUNTRY Maryland	COUNTRY OF CITIZENSHIP Germany	
	POST OFFICE ADDRESS	STREET 8403 16th Street	CITY Silver Springs	STATE OR COUNTRY MD	ziр сорі: 20910
	FULL NAME OF INVENTOR	LAST NAME Wiegel	FIRNT NAME Juergen	IMAN ILIDDIM	
0 2	RESIDENCE & CITIZENSHIP	CITY Athens	STATE OR FOREIGN COUNTRY Georgia	COUNTRY OF CITIZENSHIP Germany	
	POST OFFICE ADDRESS	STREET 215 Biol. Sciences	CITY Athens	STATE OR COUNTRY GA	zıр сорі: 30602-2605
	FULL NAME OF INVENTOR	LAST NAME Whited	FIRST NAME Gregory	MIDDLE NAME	
2 0 3	RESIDENCE & CITIZENSHIP	CITY Belmont	STATE OR FOREIGN COUNTRY California	COUNTRY OF CITIZENSHIP U.S.A.	
4	POST OFFICE ADDRESS	STREET 304 South Rd 925 Pagemill Road	Palo Alto Belment	STATE OR COUNTRY CA	ZIP COINE 94062 94303-1813
	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
2	RESIDENCE & CITIZENSHIP	СПУ	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
j. C	POST OFFICE ADDRESS	STRUET	СПУ	STATE OR COUNTRY	ZIP ССИЖ :
	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
0 5	RESIDENCE & CITIZENSHIP	СПУ	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	STREET	спу	STATE OR COUNTRY	ZIP CODI:
	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
2 0 6	RESIDENCE & CITIZENSHIP	спү	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	STREET	СПҮ	STATE OR COUNTRY	ZIP CODE

SKINATURE OF INVENTOR 201 Markus Seyfried	SIGNATURE OF INVENTOR 202 Juergen Wiegel	SIGNATURE OF INVENTOR 203 Gregory Whited
		My White
DATE	DATE	DAY 9/12/9/199
SIGNATURE OF INVENTOR 204	SIGNATURE OF INVENTOR 205	SIGNATURE OF INVENTOR 206
DATE	DATE	DATE

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	APPLICATION NUMBER	COUNTRY	DATE OF FILING (day, month, year)	PRIORITY CLAIMED
4			·	YES - NO -
				YES - NO -

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APPLICATION NUMBER	FILING DATE
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> (1) CA1 - 227561.1

SEN	D CORRESPONDENC	PENNIE & EDMONDS LLP 1155 Avenue of the America New York, N.Y. 10036-271			ELEPHONE CALLS T EDMONDS 113 DOCK 803	
2 0 1	FULL NAME OF INVENTOR	-LAST NAMI: Seyfried	FIRST NAMI: Markus		SMAN SLICKIIM	
	RESIDENCE & CITIZENSHIP	CITY Silver Springs	STATE OR FOREIGN COUNTRY Maryland		COUNTRY OF CITUZENSHIP GERMANY	
	POST OFFICE ADDRESS	яткият 8403 16th Street	CITY Silver Springs		STATE OR COUNTRY MD	ин соон 20910
	FULL NAME OF INVENTOR	LAST NAME Wiegel	FIRST NAME: Juergen		SIMAN SLIKKIIM	
0 2	RESIDENCE & CITIZENSHIP	Athens	STATE OR FOREIGN COUNTRY Georgia		COUNTRY OF CTITIZENSHIP Germany	
	POST OFFICE ADDRESS	STRUET 215 Biol. Sciences	CITY Athens		STATE OR COUNTRY GA	ин сон: 30602-2605
	FULL NAME OF INVENTOR	LAST NAMI: Whited	FIRST NAMI: Gregory		HAM LICKUM	
0	RESIDENCE & CITIZENSHIP	Belmont	STATE OR FOREKIN COUNTRY California	·	COUNTRY OF CHIZENSHIP U.S.A.	
	POST OFFICE ADDRESS	STREET 925 Pagemill Road	стту Palo Alto		STATE OR COUNTRY CA	ин ссия: 94303-1013
	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME:		IMAN SLKKIIM	
2 0 4	RESIDENCE & CITIZENSHIP	СПУ	STATE OR FOREIGN COUNTRY		COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	STREET	CITY		STATE OR COUNTRY	экөээ чи
5.1	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME		HAMA SUCCIM	
⊒ 2 0 5	RESIDENCE & CITIZENSHIP	стту	STATE OR FOREKIN COUNTRY		COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	NTREET	спу		STATE OR COUNTRY	RIOD UK
	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME		MIDDLE NAME	
2 0 6	RESIDENCE & CITIZENSHIP	СПУ	STATE OR FOREIGN COUNTRY		COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	STREET	сттү		STATE OR CYUNTRY	ZIP CYODE

SKINATURE OF INVESTOR 201 Markus Seyfried	SKINATURE OF PRIVENTUR 202 Juergen Wiegel	SKINATURE OF INVENTOR 203 Gregory Whited
рап:	11/8/99	DATE
SKINATURE OF INVENTOR 200	SKINATURI CH' INVIENTOR 205	SKINATURE OF INVENTOR 206
DATE:	рап:	DATI:

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CAI - 227561.I

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	APPLICATION NUMBER	COUNTRY	DATE OF FILING (day, month, year)	PRIORITY CLAIMED
<u>.</u>				YES D NO D
] 				YES - NO -

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(1)

CA1 - 227561.1

SEN	D CORRESPONDENCI	PENNIE & EDMONDS ILIP 1155 Avenue of the America New York, N.Y. 10036-271		ELEPHONE CALLS T EDMONDS 1.1.1 ¹ DOCK 1803	
2 0 1	FULL NAME OF INVENTOR	LANT NAME Seyfried	FIRST NAME Markus	HMAN HACHIM	
	RESIDENCE & CITIZENSHIP	Silver Spring	STATE OR FOREIGN COUNTRY Maryland	COUNTRY OF CITIZENSHIP Germany	
	POST OFFICE ADDRESS	STRIBET 8403 16th Street	CITY Silver Springs	STATE OR COUNTRY MD	ин соон: 20910
	FULL NAME OF INVENTOR	LAST NAME Wiegel	FIRST NAME Juergen	MIDDLE NAME	
0 2	RESIDENCE & CITIZENSHIP	Athens	STATE OR FOREIGN COUNTRY Georgia	COUNTRY OF CITIZENSHIP Germany	
	POST OFFICE ADDRESS	STRUET 215 Biol. Sciences	CITY Athens	 STATE OR COUNTRY GA	ли соон: 30602-2605
	FULL NAME OF INVENTOR	LAST NAME Whited	FIRST NAME Gregory	MODE NAME	
	RESIDENCE & CITIZENSHIP	спу Belmont	STATE OR FOREIGN COUNTRY California	COUNTRY OF CITIZENSHIP U.S.A.	
	POST OFFICE ADDRESS	925 Pagemill Road	CITY Palo Alto	STATE OR COUNTRY CA	ие сон: 94303-1013
	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	СПУ	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	STREET	CITY	STATE OR COUNTRY	ZIP CODE
	FULL NAME OF INVENTOR	LANT NAME	FIRST NAME	MIDDLE NAME	
0 5	RESIDENCE & CITIZENSHIP	СПУ	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	STREET	СПУ	STATE OR COUNTRY	хир Сою;
	FULL NAME OF INVENTOR	LAST NAMI:	FIRST NAME	HAMA SLKIDIM	
0 6	RESIDENCE & CITIZENSHIP	СПТУ	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	STREET	СПУ	STATE OR COUNTRY	ZIP CYXIXI

SIGNATURE OF INVENTOR 201 Markus Seyfried	NGNATURE OF INVENTOR 202 Juergen Wiegel	SIGNATURE OF INVENTOR 203 Gregory Whited	
Mals (1)			
11-05-99	DATE	DATE:	
NGNATURE OF INVENTOR 2M	SIGNATURE OF INVENTOR 205	SKINATURE OF INVENTOR 206	
IATI:	DATE	DATI:	

(2)

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